

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A method comprising the steps of:
  - providing real-time video information and control information related thereto, the real-time video information being subdivided into cells, the cells being independently playable
  - 5 portions of the video information, and the control information including playback parameters for reproducing sequences of the cells;
  - selecting a starting point within a recording area of an optical record carrier, the starting point being after and
  - 10 separated from the beginning of the recording area for creating a free area between the beginning of the recording area and the starting point;
  - recording the real-time information at positioned after the starting point according to a recording format; and
  - 15 recording the control information in the free area according to the recording format.

2. (Previously Presented) The method of claim 1, wherein:
  - the recording format requires a variable area for the control information depending on variations of the playback parameters; and

5           the free area is smaller than the variable area maximally required to accommodate all possible variations of the playback parameters.

3. (Previously Presented) The method of claim 1, wherein the recording format is the DVD format.

4. (Previously Presented) A video recording device comprising:

means for selecting a starting point within a recording area of an optical record carrier, the starting point being after and separated from the beginning of the recording area for creating  
5 a free area between the beginning of the recording area and the starting point; and

means for controlling the recording of real-time video information and control information related thereto in the recording area arranged according to a recording format, the video  
10 information being divided into cells, the cells being independently payable portions of the video information, the control information including playback parameters for reproducing sequences of the cells, the recording including:

recording the real-time information from the starting  
15 point; and

recording the control information in the free area.

5. (Previously Presented) The recording device of claim 4, wherein, the recording format requires a variable area for the

control information depending on variations of the playback parameters; and the free area is smaller than the variable area  
5 maximally required to accommodate all possible variations of the playback parameters.

6. (Previously Presented) The recording device of claim 5, wherein the recording means restrict the allowed variations of at least one playback parameter or combination of playback parameters so that the control information fits within the free area.

7. (Previously Presented) The recording device of claim 4, wherein the recording format is the DVD format.

8. (Previously Presented) The recording device of claim 7, wherein the free area accommodates VMGI, VMGI\_BUP, VTSI and VTSI\_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu  
5 constituting the playback parameters.

9. (Previously Presented) The recording device of claim 4, wherein the recording means record elements of the control information on the record carrier intermitted at times with recording the real-time information.

10. (Cancelled).

11. (Previously Presented) The method of claim 2, wherein the allowed variations of at least one playback parameter or combination of playback parameters are restricted so that the control information fits within the free area.

12. (Previously Presented) The method of claim 3, wherein the free area accommodates VMGI, VMGI\_BUP, VTSI and VTSI\_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters.

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13. (Currently Amended) The method of claim 1, wherein the control information includes elements relating to the cells of the real-time information, and wherein the elements of the control information are recorded on the record carrier intermitted at times with recording the real-time information.

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14. (Previously Presented) The method of claim 1, further comprising the step of:

receiving real-time video information;

subdividing the real-time information into independently reproducible cells of video information; and

generating control information including playback parameters for reproducing sequences of the cells.

15. (Previously Presented) The method of claim 1, wherein at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-time video information.

16. (Previously Presented) The recording device of claim 4, further comprising:

means for subdividing the real-time information into independently reproducible cells of video information; and

5           means for generating control information including playback parameters for reproducing sequences of the cells.

17. (Previously Presented) The recording device of claim 4, wherein at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-time video information.

18. (Previously Presented) A video playing device comprising:

means for determining a starting point within a recording area of an optical record carrier, the starting point being after and separated from the beginning of the recording area for defining 5 a free area between the beginning of the recording area and the starting point; and

means for controlling the reproducing of real-time video information from real-time video information recorded in the recording area at positions after the starting point and control

10 information related to the real-time video information recorded in  
the recording area at positions before the starting point, the  
real-time video information and related control information being  
arranged according to a recording format, the video information  
being divided into cells, the cells being independently playable  
15 portions of the video information, the control information  
including playback parameters for reproducing sequences of the  
cells.

19. (Previously Presented) The reproducing device of claim 18,  
wherein the recording format is the DVD format.

20. (Previously Presented) The device of claim 19, wherein the  
free area accommodates VMGI, VMGI\_BUP, VTSI and VTSI\_BUP and/or,  
while the recording area is intended for recording VOBS, the free  
area accommodates a VOBS containing a menu constituting the  
5 playback parameters.

21. (Previously Presented) The method of claim 1, wherein:  
the recording format requires a variable area for the  
control information depending on variations of the playback  
parameters; and the free area is smaller than the variable area  
5 maximally required to accommodate all possible variations of the  
playback parameters

the allowed variations of at least one playback parameter or combination of playback parameters are restricted so that the control information fits within the free area;

10           the recording format is the DVD format;

              the free area accommodates VMGI, VMGI\_BUP, VTSI and VTSI\_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters;

15           elements of the control information is recorded on the record carrier intermitted at times with recording the real-time information;

              the method further comprises the step of: receiving real-time video information; subdividing the real-time information into 20 independently reproducible cells of video information; and generating control information including playback parameters for reproducing sequences of the cells;

              at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-25 time video information.

22. (Previously Presented) The recording device of claim 4, wherein:

              the recording format requires a variable area for the control information depending on variations of the playback 5 parameters; and the free area is smaller than the variable area

maximally required to accommodate all possible variations of the playback parameters;

the recording means restrict the allowed variations of at least one playback parameter or combination of playback parameters  
10 so that the control information fits within the free area;

the recording format is the DVD format;

the free area accommodates VMGI, VMGI\_BUP, VTSI and VTSI\_BUP and/or, while the recording area is intended for recording VOBS, the free area accommodates a VOBS containing a menu  
15 constituting the playback parameters;

the recording means record elements of the control information on the record carrier intermitted at times with recording the real-time information;

means for subdividing the real-time information into  
20 independently reproducible cells of video information; and

means for generating control information including playback parameters for reproducing sequences of the cells;

at least a portion of the control information is recorded in the free area subsequent in time to recording the related real-  
25 time video information.

23. (Previously Presented) The reproducing device of claim 18, wherein:

the recording format is the DVD format; and

wherein the free area accommodates VMGI, VMGI\_BUP, VTSI

5 and VTSI\_BUP and/or, while the recording area is intended for

recording VOBS, the free area accommodates a VOBS containing a menu constituting the playback parameters.

24. (Previously Presented) A video recorder comprising:

an optical write head for writing information from an optical video disk;

a head positioner for controlling the position of the

5 optical write head;

a drive for rotating the optical video disk in relation to the write head; and

a controller including:

means for selecting a starting point within a recording  
10 area of the optical disk, the starting point being after and separated from the beginning of the recording area for creating a free area between the beginning of the recording area and the starting point; and

means for controlling the read head and positioner for  
15 recording of real-time video information and control information related thereto in the recording area arranged according to a recording format, the video information being divided into cells, the cells being independently playable portions of the video information, the control information including playback parameters  
20 for reproducing sequences of the cells, the recording including:

recording the real-time information from the starting point; and

recording the control information in the free area.

25. (Previously Presented) A video player comprising:

an optical read head for reading information from an optical video disk;

a head positioner for controlling the position of the read  
5 head;

a drive for rotating the optical video disk in relation to the read head; and

a controller including:

means for determining a starting point within a recording  
10 area of the optical disk, the starting point being after and separated from the beginning of the recording area for defining a free area between the beginning of the recording area and the starting point; and

means for controlling the write head and the head  
15 positioner for reproducing real-time video information from real-time video information recorded in the recording area at positions after the starting point and control information related to the real-time video information recorded in the recording area at positions before the starting point, the real-time video  
20 information and related control information being arranged according to a recording format, the video information being divided into cells, the cells being independently playable portions of the video information, the control information including playback parameters for reproducing sequences of the cells.